

0% to 10% by mass of Al_2O_3 ,
0% to 10% by mass of ZnO ,
0% to 10% by mass of at least one selected from the group consisting of CaO , MgO , SrO and BaO , and
0% to 6% by mass of at least one selected from the group consisting of SnO_2 , TiO_2 , and ZrO_2 , and
the filler powder comprises:
10% to 90% by mass of a silica powder,
10% to 90% by mass of an alumina powder, and
0% to 40% by mass of a titanium oxide powder, and the silica powder comprising
25% to 75% by mas of an α -quartz powder and/or a cristobalite powder, and
25% to 75% by mass of a quartz glass powder.

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Add the following claims: --

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5. A barrier rib material containing a glass powder and a filler powder for use in a plasma display panel, wherein the glass powder comprises:
20% to 50% by mass of BaO ,
25% to 50% by mass of ZnO ,
10% to 35% by mass of B_2O_3 ,
0% to 10% by mass of SiO_2 , and
the filler powder comprises:

10% to 90% by mass of a silica powder,
10% to 90% by mass of an alumina powder, and
0% to 40% by mass of a titanium oxide powder, and
the silica powder comprising
25% to 75% by mass of an α -quartz powder and/or a
cristobalite powder, and
25% to 75% by mass of a quartz glass powder.

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6. A barrier rib material as claimed in claim 5, wherein:
the silica powder comprises from 25% to 75% by mass of an
 α -quartz powder, from 0% to 50% by mass of a cristobalite
powder, and from 25% to 75% by mass of a quartz glass powder.

7. A barrier rib material as claimed in claim 5, wherein:
the silica powder comprises from 25% to 75% by mass of an α -
quartz powder and from 25% to 75% by mass of a quartz glass
powder.

8. A barrier rib material as claimed in claim 5, wherein:
the mass ratio of the glass powder to the filler powder is from
65:35 to 85:15.

9. A barrier rib material containing a glass powder and a
filler powder for use in a plasma display panel, wherein the
glass powder comprises:

25% to 45% by mass of ZnO,
15% to 40% by mass of Bi₂O₃,
10% to 30% by mass of B₂O₃,
0.5% to 10% by mass of SiO₂,
0% to 24% by mass of at least one selected from the group
consisting of CaO, MgO, SrO and BaO, and
the filler powder comprises:

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10% to 90% by mass of a silica powder,
10% to 90% by mass of an alumina powder, and
0% to 40% by mass of a titanium oxide powder, and
the silica powder comprising
25% to 75% by mass of an α -quartz powder and/or a
cristobalite powder, and
25% to 75% by mass of a quartz glass powder.

10. A barrier rib material as claimed in claim 9, wherein:
the silica powder comprises from 25% to 75% by mass of an α -
quartz powder, from 0% to 50% by mass of a cristobalite powder,
and from 25% to 75% by mass of a quartz glass powder.

11. A barrier rib material as claimed in claim 9, wherein:
the silica powder comprises from 25% to 75% by mass of an α -
quartz powder and from 25% to 75% by mass of a quartz glass
powder.

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12. A barrier rib material as claimed in claim 9, wherein:
the mass ratio of the glass powder to the filler powder is from
65:35 to 85:15.